INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/38118

A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : A01N 37/34, 43/58 US CL : 504/101,137,141,236,310; 514/241,520 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) U.S.: 504/101.137.141.236.310: 514/241. 520 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Merck Index Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Please See Continuation Sheet DOCUMENTS CONSIDERED TO BE RELEVANT Category # Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. US 5,346,704 A (LAJOIE) 13 September 1994. See columns 3-5. A 1-45 US 6,149,927 A (GHOSH) 21 November 2000. See columns 2-4. A 1-45 A US 5,622,658 A (LLOYD et al) 22 April 1997. See columns 2-4. 1-45 Α BECKER, HANK. "Fighting a Fungal Siege on Cacao Farms". Agricultural Research. 1-45 November 1999, p. 4-8. Further documents are listed in the continuation of Box C. See patent family annex. later document published after the international filling date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "E" earlier application or patent published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as ent of particular relevance; the claimed invention cannot be specified) considered to involve an inventive step when the document is combined with one or more other such documents, such combination "O" document referring to an oral disclosure, use, exhibition or other means being obvious to a person skilled in the art document published prior to the international filling date but later than the *&* document member of the same patent family priority date claimed Date of the actual completion of the international search Date of mailing of the international search report 08 June 2004 (08,06,2004) Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Telephone No. 571-272-1600

Form PCT/ISA/210 (second sheet) (July 1998)

Facsimile No. (703) 305-3230

	PCT/US03/38118
INTERNATIONAL SEARCH REPORT	
Continuation of B. FIELDS SEARCHED Item 3:	
WEST (USPAT, PGPUBS, DWPI, EPO, JPO); chlorothalonil, diquat, trichloro	omelamine, cetylpyridinium, chloramine, chlorendic
anhydride, witch- broom, crinipellis, urea	

PATENT COOPERATION TREATY

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INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

pplicant's or agent's file reference				
02177.0003P1	FOR FURTHER ACTION	See Notificati Preliminary E	ion of Transmittal of International Examination Report (Form PCT/IPEA/416)	
International application No.	International filing date (day/mo	nth/year)	Priority date (day/month/year)	
PCT/US03/38118 02 December 2003 (0			02 December 2002 (02.12.2002)	
International Patent Classification (IPC)	or national classification and IPC			
IPC: A01N 37/34(2007.01),43/58(2 USPC: 504/101,137,141,236,310;514/2				
Applicant				
BYOCOAT LLC		_		
This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.				
This REPORT consists of a	total of <u>3</u> sheets, including t	his cover sheet		
This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT). These annexes consist of a total of sheets.				
This report contains indicat	ions relating to the following it	ems:		
I Basis of the report II Priority III Non-establishment of report with regard to novelty, inventive step and industrial applicability IV Lack of unity of invention V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability, citations and explanations supporting such statement VI Certain documents cited				
VII Certain defects in	VII Certain defects in the international application			
VIII Certain observations on the international application				
Date of submission of the demand	Date of submission of the demand Date of completion of this report			
11 July 2004 (01.07.2004) 20 November 2006 (20.11.2006)			.11.2006)	
Name and mailing address of the IPEA/US Mail Stop PCT, Attn: IPEA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450	Sreeni	rized officer Padmanabhan	Janui Ford	
acsimile No. (571) 273-3201 Telephone No. (571) 272-1600				
orm PCT/IPEA/409 (cover sheet)(July 1998)				

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.
PCT/US03/38118

I.	Basis	s of the report
1.	With	regard to the elements of the international application:*
	\boxtimes	the international application as originally filed.
	\boxtimes	the description:
		pages 1-7 as originally filed
		pages NONE, filed with the demand pages NONE, filed with the letter of
	∇	the claims:
		pages 8-12 , as originally filed
		pages NONE , as amended (together with any statement) under Article 19
		pages NONE, filed with the demand pages NONE, filed with the letter of
	\Box	
	ш	the drawings: pages NONEa as originally filed
		pages NONE , filed with the demand
		pages NONE , filed with the letter of
		the sequence listing part of the description:
		pages NONE as originally filed
		pages NONE, filed with the demand filed with the letter of
2.	With	regard to the language, all the elements marked above were available or furnished to this Authority in the
		tage in which the international application was filed, unless otherwise indicated under this item.
	Thes	e elements were available or furnished to this Authority in the following language which is:
	Щ	the language of a translation furnished for the purposes of international search (under Rule23.1(b)).
	Ш	the language of publication of the international application (under Rule 48.3(b)).
	Ш	the language of the translation furnished for the purposes of international preliminary examination (under Rules 55.2 and/or 55.3).
3.		regard to any nucleotide and/or amino acid sequence disclosed in the international application, the national preliminary examination was carried out on the basis of the sequence listing:
		contained in the international application in printed form.
	H	filed together with the international application in computer readable form.
	H	
	H	furnished subsequently to this Authority in written form.
	H	furnished subsequently to this Authority in computer readable form.
	ш	The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
		The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.
4.		The amendments have resulted in the cancellation of:
		the description, pages NONE
		the claims, Nos. NONE
		the drawings, sheets/fig NONE
5.		This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).**
thi	Replac s repor	corput an ususcosate encog anomous in the displacement for (cash exact); ment sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in et as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17), placement sheet containing such amendments must be referred to under item 1 and annexed to this report.

International application No. PCT/US03/38118

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

V. Reasoned statement under Rule 66.2(a) citations and explanations supporting s	(ii) with regard to novelty, inventive step ouch statement	r industrial applicability;
1. STATEMENT		
Novelty (N)	Claims 1-45	YES
	Claims NONE	NO
Inventive Step (IS)	Claims 1-45	YES
	Claims NONE	NO
Industrial Applications of the		
Industrial Applicability (IA)	Claims 1-45 Claims NONE	YES
	113.3	NO
be made or used in industry.		

Form PCT/IPEA/409 (Box V) (July 1998)

PATENT COOPERATION TREATY

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NOTE OF INFORMAL COMMUNICATION WITH THE APPLICANT

(PCT Rule 66.6)

International application l	No.	Applicant's or agent's file	reference	Date of informal communication (day/month/year)
PCT/US03/38118		02177.0003P1		20 November 2006 (20.11.2006)
Applicant BYOCOAT LLC				
			71	authorization personally
Communication	Participants		Identity checked	checked personally known
by telephone	Applicant			
personal	Agent:	Christopher Curfman		
	Examiner	(s): Kevin Capps		
Summary of communicat	tion:			
Upon the examiner's req	uest, applicant a	greed to proceed to the 409	stage for administra	tive purposes.
An extension of time limit is granted (Form PCT/IPEA/427.				
A copy of this note is being sent to the applicant with Form PCT/IPEA/429. PCT/IPEA/424.				
Name and mailing addre	ss of the IPEA/	JS	Authorized officer	:0.1
Commissioner i	Attn: IPEA/ US or Patents		Sreeni Padmanab	ohan Janue 1000
P.O. Box 1450 Alexandria, Vir	ginia 22313-1450		Telephone No. (5	71) 272-1600
Facsimile No. (571) 273 Form PCT/IPEA/428 (Jul	-3201		<u> </u>	ohan Janui Ford (71) 272-1600 for